

| L Number | Hits | Search Text  | DB  | Time stamp       |
|----------|------|--|---|------------------|
| 16       | 2    | aperture near3 (caf or mgf or (synthetic adj fused adj silica))            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/19 18:28 |
| 17       | 0    | beam near3 shap\$3 near3 (caf or mgf or (synthetic adj fused adj silica))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/19 18:28 |
| 18       | 87   | beam near3 shap\$3 and (caf or mgf or (synthetic adj fused adj silica))    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/19 18:28 |
| 19       | 4    | (beam near3 shap\$3) same (caf or mgf or (synthetic adj fused adj silica)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/19 18:30 |
| 20       | 31   | prism same (caf or mgf )   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/19 18:30 |
| 21       | 7    | (prism same (caf or mgf )) and reflect\$3 near3 coat\$3                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/19 18:32 |
| 22       | 4    | (prism same (caf or mgf )) and beam near3 shap\$3                          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/19 18:32 |
| 28       | 1    | ("5031976").PN.  | USPAT;<br>US-PGPUB                          | 2004/05/19 18:43 |
| 29       | 3472 | beam near3 shap\$3 near3 lens\$2   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/19 18:49 |
| 30       | 0    | (beam near3 shap\$3 near3 lens\$2) and naroo near3 band near3 laser        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/19 18:44 |
| 31       | 34   | (beam near3 shap\$3 near3 lens\$2) and narrow near3 band near3 laser       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/19 18:44 |
| 32       | 996  | beam near3 shap\$3 near3 prism   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/19 18:49 |
| 33       | 28   | (beam near3 shap\$3 near3 prism) same coat\$3                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/19 18:57 |
| 34       | 1346 | (beam near3 shap\$3 ) same coat\$3   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/19 18:57 |
| 35       | 84   | ((beam near3 shap\$3 ) same coat\$3) and narrow near3 band                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/19 18:57 |
| 36       | 2    | ("4173001"   "4985898").PN.  | USPAT                                       | 2004/05/19 19:02 |
| 37       | 0    | 6731666.URPN.  | USPAT                                       | 2004/05/19 19:03 |

| L Number | Hits  | Search Text  | DB                 | Time stamp       |
|----------|-------|--|--------------------|------------------|
| -        | 2     | ((("4362364") or ("3980397")).PN.  | USPAT;<br>US-PGPUB | 2002/11/18 06:50 |
| -        | 422   | uv and laser and aperture and (beam near shap\$3)  | USPAT;<br>US-PGPUB | 2002/11/18 07:11 |
| -        | 667   | uv and laser and (aperture or lens) and (beam near shap\$3)  | USPAT;<br>US-PGPUB | 2002/11/18 07:12 |
| -        | 3     | (uv and laser and (aperture or lens) and (beam near shap\$3))<br>and 372/103.ccls.                                   | USPAT;<br>US-PGPUB | 2002/11/18 07:22 |
| -        | 4     | (beam near shap\$3) and (temperature near control\$4) and<br>372/103.ccls.   | USPAT;<br>US-PGPUB | 2002/11/18 07:31 |
| -        | 12    | (beam near shap\$3) and heat\$3 and (lens or plate) and<br>372/103.ccls.   | USPAT;<br>US-PGPUB | 2002/11/18 07:52 |
| -        | 10    | (narrow near band) and uv and gas and laser and (beam near<br>shap\$3) and (temperature near control\$4) and heat\$3 | USPAT;<br>US-PGPUB | 2002/11/18 07:58 |
| -        | 14    | ((beam adj shap\$3) near (lens or aperture or window)) and<br>(gas near laser)                                       | USPAT;<br>US-PGPUB | 2002/11/18 08:04 |
| -        | 2519  | (lens or aperture or window ) near heat\$3   | USPAT;<br>US-PGPUB | 2002/11/18 08:06 |
| -        | 50    | ((lens or aperture or window ) near heat\$3) and 372/\$.ccls.  | USPAT;<br>US-PGPUB | 2002/11/18 08:13 |
| -        | 372   | 372/101.ccls.  | USPAT;<br>US-PGPUB | 2002/11/18 08:13 |
| -        | 15    | 372/101.ccls. and shield\$3  | USPAT;<br>US-PGPUB | 2002/11/18 08:16 |
| -        | 15289 | light near shield\$3   | USPAT;<br>US-PGPUB | 2002/11/18 08:16 |
| -        | 12520 | light adj shield\$3  | USPAT;<br>US-PGPUB | 2002/11/18 08:17 |
| -        | 2     | (light adj shield\$3) and 372/57.ccls.   | USPAT;<br>US-PGPUB | 2002/11/18 08:18 |
| -        | 0     | (light adj shield\$3) and 372/55.ccls.   | USPAT;<br>US-PGPUB | 2002/11/18 08:18 |
| -        | 51    | (light adj shield\$3) and 372/\$.ccls.   | USPAT;<br>US-PGPUB | 2002/11/18 08:33 |
| -        | 152   | (light near shield\$3) and uv and laser and dielectric and<br>heat\$3  | USPAT;<br>US-PGPUB | 2002/11/18 08:35 |
| -        | 28    | (light near shield\$3) and uv and laser and dielectric and<br>heat\$3 and diffract\$3                                | USPAT;<br>US-PGPUB | 2002/11/18 08:41 |
| -        | 0     | (light near shielding near plate) and (heat near means)  | USPAT;<br>US-PGPUB | 2002/11/18 08:42 |
| -        | 0     | lens and (heat near means)   | USPAT;<br>US-PGPUB | 2002/11/18 08:42 |
| -        | 1010  | lens and (heat near control\$4)  | USPAT;<br>US-PGPUB | 2002/11/18 08:45 |
| -        | 8305  | lens and (heater)  | USPAT;<br>US-PGPUB | 2002/11/18 08:46 |
| -        | 628   | light near shielding and (heater)  | USPAT;<br>US-PGPUB | 2002/11/18 08:46 |
| -        | 628   | (light near shielding) and (heater)  | USPAT;<br>US-PGPUB | 2002/11/18 08:46 |
| -        | 2     | ((light near shielding) and (heater)) and 372/\$.ccls.   | USPAT;<br>US-PGPUB | 2002/11/18 08:48 |
| -        | 5     | uv and (beam near shap\$3) and heater and (lens or aperture<br>or window or (light adj shield\$3)) and 372/\$.ccls.  | USPAT;<br>US-PGPUB | 2002/11/18 08:54 |
| -        | 9     | 372/103.ccls. and heater   | USPAT;<br>US-PGPUB | 2002/11/18 08:57 |
| -        | 42    | 372/12.ccls. and (aperture or light near shield\$3)  | USPAT;<br>US-PGPUB | 2002/11/18 09:02 |
| -        | 113   | 372/\$.ccls. and (aperture and heater)   | USPAT;<br>US-PGPUB | 2002/11/18 09:02 |
| -        | 0     | 372/\$.ccls. and (aperture near heater)  | USPAT;<br>US-PGPUB | 2002/11/18 09:03 |
| -        | 1     | (aperture near heater) and uv  | USPAT;<br>US-PGPUB | 2002/11/18 09:04 |
| -        | 5     | (aperture near heater) and laser   | USPAT;<br>US-PGPUB | 2002/11/18 09:04 |

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| - | 1      | (aperture near heater) and beam near shap\$3   | USPAT;<br>US-PGPUB                          | 2002/11/18 09:05 |
| - | 79     | aperture near heater   | USPAT;<br>US-PGPUB                          | 2002/11/18 09:17 |
| - | 0      | (aperture near heater) and light near shield\$3  | USPAT;<br>US-PGPUB                          | 2002/11/18 09:09 |
| - | 14     | (aperture near heater) and shield\$3   | USPAT;<br>US-PGPUB                          | 2002/11/18 09:09 |
| - | 7      | (aperture near heat\$3) and 372/\$.ccls.   | USPAT;<br>US-PGPUB                          | 2002/11/18 09:26 |
| - | 0      | (aperture near (temperature adj control\$4)) and 372/\$.ccls.                                | USPAT;<br>US-PGPUB                          | 2002/11/18 09:24 |
| - | 580    | (aperture near heat\$3)  | USPAT;<br>US-PGPUB                          | 2002/11/18 09:26 |
| - | 47     | ((aperture near heat\$3) ) and laser   | USPAT;<br>US-PGPUB                          | 2002/11/18 09:46 |
| - | 0      | (heated near aperture) and 372/57.ccls.  | USPAT;<br>US-PGPUB                          | 2002/11/18 09:41 |
| - | 0      | (heated near aperture) and 372/\$.ccls.  | USPAT;<br>US-PGPUB                          | 2002/11/18 09:42 |
| - | 4      | (heated near aperture) and uv  | USPAT;<br>US-PGPUB                          | 2002/11/18 09:42 |
| - | 44     | frosien.in.  | USPAT;<br>US-PGPUB                          | 2002/11/18 09:47 |
| - | 21     | frosien.in. and aperture   | USPAT;<br>US-PGPUB                          | 2002/11/18 09:47 |
| - | 2      | (frosien.in. and aperture) and heat\$3   | USPAT;<br>US-PGPUB                          | 2002/11/18 09:47 |
| - | 27718  | laser and lens and heat\$3   | USPAT;<br>US-PGPUB                          | 2002/12/06 11:52 |
| - | 0      | (laser and lens and heat\$3) and 327/101.ccls.   | USPAT;<br>US-PGPUB                          | 2002/12/06 11:49 |
| - | 0      | (laser and lens and heat\$3) and 327/103.ccls.   | USPAT;<br>US-PGPUB                          | 2002/12/06 11:49 |
| - | 136    | (laser and lens and heat\$3) and 372/101.ccls.   | USPAT;<br>US-PGPUB                          | 2002/12/06 11:49 |
| - | 230    | laser and (lens near heat\$3)  | USPAT;<br>US-PGPUB                          | 2002/12/06 11:52 |
| - | 4      | (laser and (lens near heat\$3)) and 372/101.ccls.  | USPAT;<br>US-PGPUB                          | 2002/12/06 11:53 |
| - | 122884 | aperture and heat\$3   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 17:47 |
| - | 1566   | (aperture and heat\$3) and 372/\$.ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 17:47 |
| - | 378    | ((aperture and heat\$3) and 372/\$.ccls.) and (uv or ultraviolet)                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 17:48 |
| - | 116    | ((((aperture and heat\$3) and 372/\$.ccls.) and (uv or ultraviolet)) and narrow near band\$5 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 17:54 |
| - | 127    | (aperture near3 heat\$3) and (refract\$3 near3 index)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 17:55 |
| - | 74     | ((aperture near3 heat\$3) and (refract\$3 near3 index)) and laser                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 18:01 |
| - | 606174 | (aperture or (light near shield) or (beam near shap\$3))                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 18:03 |

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| - | 632191 | (aperture or (light near shield\$3) or (beam near shap\$3))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 18:05 |
| - | 823    | ((aperture or (light near shield\$3) or (beam near shap\$3))) and heat\$3 and (refract\$3 near3 index) and 372/\$.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 18:05 |
| - | 5480   | (aperture or (light near shield\$3) or (beam near shap\$3)) near3 heat\$3   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 18:05 |
| - | 19     | ((aperture or (light near shield\$3) or (beam near shap\$3)) near3 heat\$3) and (refract\$3 near3 index) and 372/\$.ccls. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 18:12 |
| - | 0      | aperture near3 heating near3 means  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 18:13 |
| - | 0      | light near3 shield\$3 near3 heating near3 means   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 18:13 |
| - | 940    | light near3 shield\$3 near3 heat\$3   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 18:15 |
| - | 2      | (light near3 shield\$3 near3 heat\$3) and 372/\$.ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 18:13 |
| - | 7152   | ((aperture or slit) near3 heat\$3)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 18:15 |
| - | 40     | ((((aperture or slit) near3 heat\$3)) and 372/\$.ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 18:19 |
| - | 0      | (heater near aperture) and 372/\$.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 18:20 |
| - | 0      | (heater near aperture) and 372/\$.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 18:20 |
| - | 5      | (heater near aperture) and laser  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 18:21 |
| - | 0      | (heater near aperture) and refract\$3 near index  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 18:21 |
| - | 0      | (heater near aperture) and refract\$3 near3 index   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 18:21 |
| - | 612    | heater near3 aperture   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 18:22 |
| - | 0      | (heater near3 aperture) and 372/\$.ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 18:22 |

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| - | 141  | heater near aperture   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 18:46 |
| - | 3602 | 372/\$.ccls. and (aperture or slit)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 18:47 |
| - | 142  | (372/\$.ccls. and (aperture or slit)) and heater   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 18:47 |
| - | 57   | ((372/\$.ccls. and (aperture or slit)) and heater) and refract\$3 near index                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 18:57 |
| - | 1205 | 372/55.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 19:01 |
| - | 142  | 372/55.ccls. and (aperture or slit)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 19:01 |
| - | 5    | (372/55.ccls. and (aperture or slit)) and heater   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 19:02 |
| - | 590  | 372/57.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 19:01 |
| - | 144  | 372/57.ccls. and (aperture or slit)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 19:01 |
| - | 2    | (372/57.ccls. and (aperture or slit)) and heater   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/07/27 19:02 |
| - | 195  | light near3 shield\$3 and 372/\$.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/12/22 13:26 |
| - | 56   | (light near3 shield\$3 and 372/\$.ccls.) and refract\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/12/22 13:25 |
| - | 69   | 1not ((light near3 shield\$3 and 372/\$.ccls.) and refract\$3)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/12/22 13:25 |
| - | 139  | (light near3 shield\$3 and 372/\$.ccls.) not ((light near3 shield\$3 and 372/\$.ccls.) and refract\$3) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/12/22 13:25 |
| - | 5623 | light near3 shield\$3 and refract\$3   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/12/22 13:39 |
| - | 129  | (light near3 shield\$3 and refract\$3) and gas near3 laser   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/12/22 13:40 |
| - | 646  | light near3 shield\$3 near5 transmit\$5 and refract\$3   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/12/22 13:40 |

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| - | 18   | (light near3 shield\$3 near5 transmit\$5 and refract\$3) and gas near3 laser   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/12/22 15:49 |
| - | 1733 | triangular near3 square and laser  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/12/22 15:49 |
| - | 19   | triangular near3 square near3 laser  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/12/22 15:51 |
| - | 0    | triangular near3 square and pivot\$3 near3 laser   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/12/22 15:52 |
| - | 9    | laser near3 square and pivot\$3 near3 laser  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/12/22 15:54 |
| - | 1169 | laser near3 square   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/12/22 15:55 |
| - | 166  | (laser near3 square ) and triang\$4  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2003/12/22 15:55 |
| - | 28   | (beam near3 shap\$3) and undesir\$7 near3 light and 372/\$.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/19 12:52 |
| - | 12   | (beam near3 shap\$3) and undesir\$7 near3 light and narrow near3 band and uv   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/19 13:03 |
| - | 64   | (beam near3 shap\$3) and coating near3 reflect\$3 and narrow near3 band and uv   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/19 13:11 |
| - | 1    | ("5717518").PN.  | USPAT;<br>US-PGPUB                          | 2004/05/19 13:15 |
| - | 34   | narrowband and imaging near3 optic\$1 and uv   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/19 14:37 |
| - | 6    | narrow near3 band and catadioptic and uv   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/19 14:30 |
| - | 3    | ("4971428"   "5114238"   "5999310").PN.  | USPAT                                       | 2004/05/19 14:35 |
| - | 1    | 6483638.URPN.  | USPAT                                       | 2004/05/19 14:36 |
| - | 251  | (narrowband or (narrow near3 band)) and beam near3 shap\$3 and coat\$3 near3 reflect\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/19 14:39 |
| - | 144  | ((narrowband or (narrow near3 band)) and beam near3 shap\$3 and coat\$3 near3 reflect\$3) and (uv or ultraviolet)              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/19 14:40 |
| - | 131  | ((((narrowband or (narrow near3 band)) and beam near3 shap\$3 and coat\$3 near3 reflect\$3) and (uv or ultraviolet)) and laser | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/05/19 14:40 |